

## **AMENDMENTS TO THE SPECIFICATION**

In accordance with 37 C.F.R. §1.121(d), and in response to objections to the previously submitted figures, a new set of drawings for the subject application is submitted herewith as Appendix A. Such amendments do not add any new matter to the subject application.

In accordance with 37 C.F.R. §§1.121(b)(3) and 1.125, and in response to objections to the previously submitted specification, a substitute specification is submitted herewith. As required, a clean version (without markings) of such substitute specification is submitted herewith as Appendix B. As also required, a copy of the previous specification submitted with markings showing all the changes relative to the immediate prior version of the specification is provided as Appendix C. The substitute specification now submitted does not add any new matter to the subject application.

The previously submitted specification included a computer program listing consisting of more than ten (10) pages. Such program listing has been removed from the specification of the subject application and is now submitted on compact disc in accordance with 37 C.F.R. §§1.52(e) and 1.196(c). Two compact discs respectively labeled "Copy 1" and "Copy 2" are presently submitted and both include a 126 KB file named "CXU-339 Genetic Algorithm", created on 4/08/2005 and comprising 96 pages. The machine format for the submitted compact discs is IBM-PC and the operating system capability is MS-Windows. The two submitted compact discs are identical and do not add any new matter to the subject application.